

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050420\
 Data File : VX016044.D
 Acq On : 04 May 2020 18:39
 Operator : JC/SP
 Sample : L2469-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW124-20200428

Quant Time: May 05 08:23:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 07:11:41 2020
 Response via : Initial Calibration

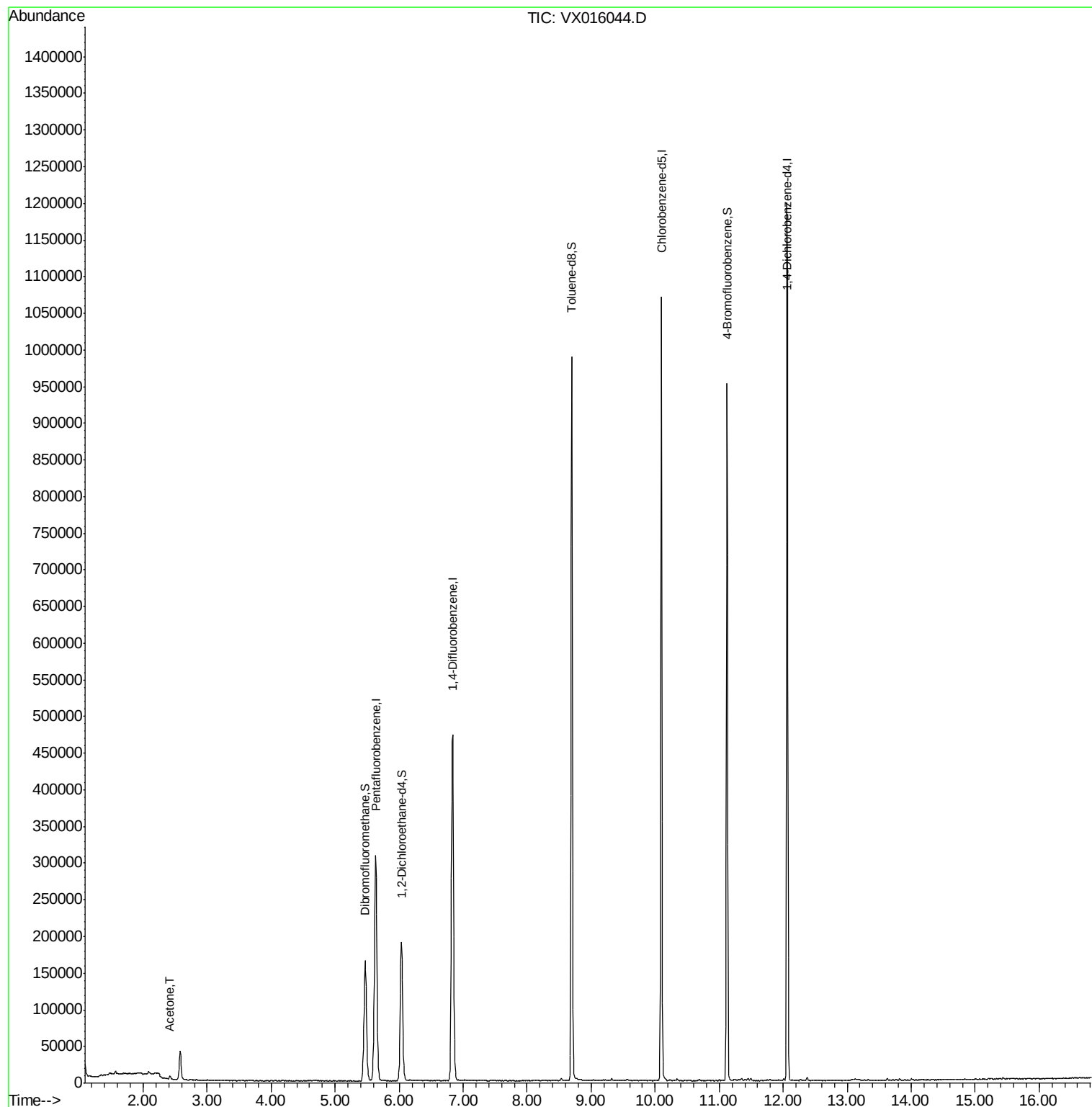
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	297915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	476667	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	465091	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	241835	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	181376	46.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.54%	
35) Dibromofluoromethane	5.47	113	137134	45.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.82%	
50) Toluene-d8	8.70	98	584997	50.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.56%	
62) 4-Bromofluorobenzene	11.12	95	239329	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
Target Compounds						
16) Acetone	2.42	43	4517	2.582	ug/l	Qvalue 90

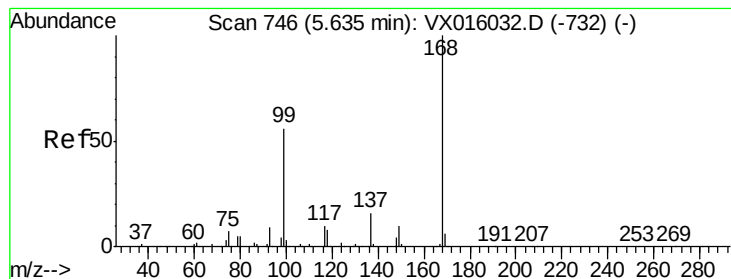
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016044.D

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MSVOA_X

ClientSampleId :

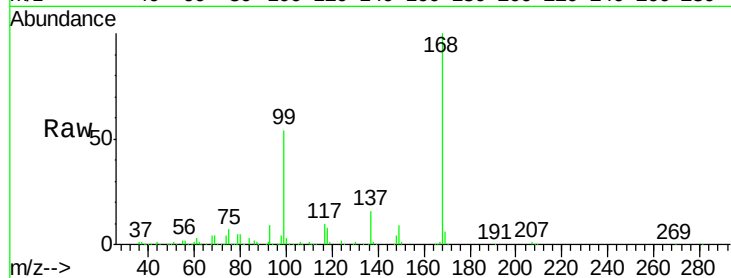
SA-SW124-20200428

Tot Ion:168 Resp: 297915

Ion Ratio Lower Upper

168 100

99 54.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

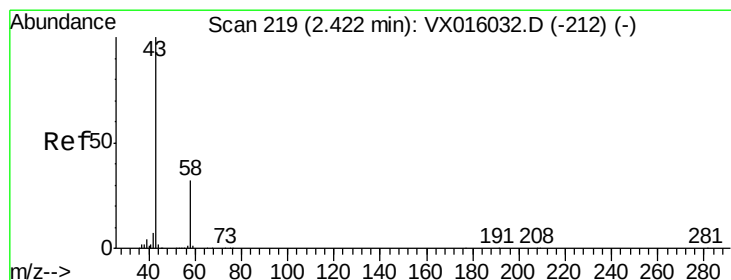
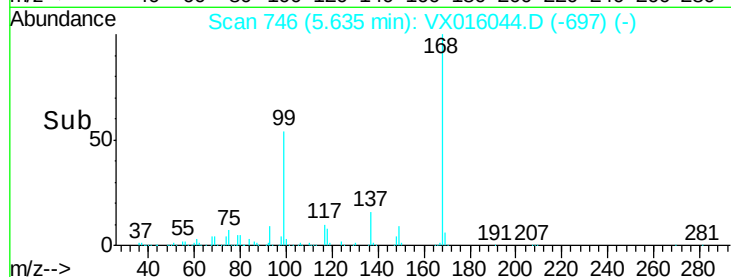
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 2.582 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016044.D

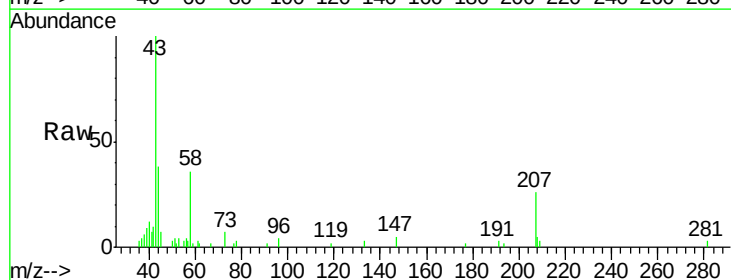
Acq: 04 May 2020 18:39

Tgt Ion: 43 Resp: 4517

Ion Ratio Lower Upper

43 100

58 37.1 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

3000

2500

2000

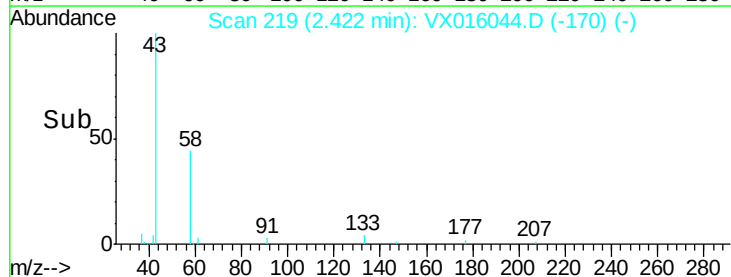
1500

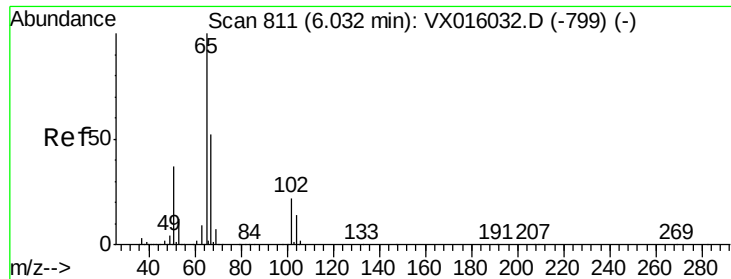
1000

500

0

Time-->

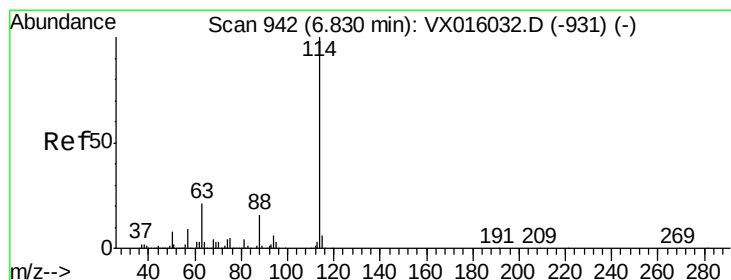
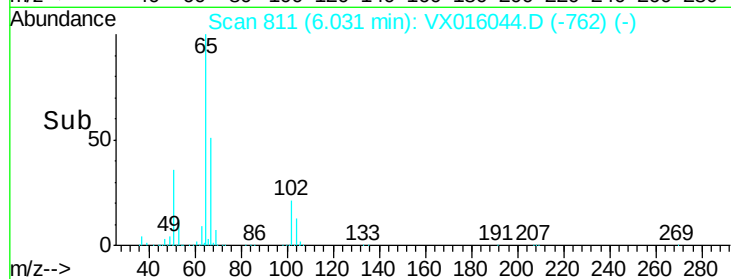
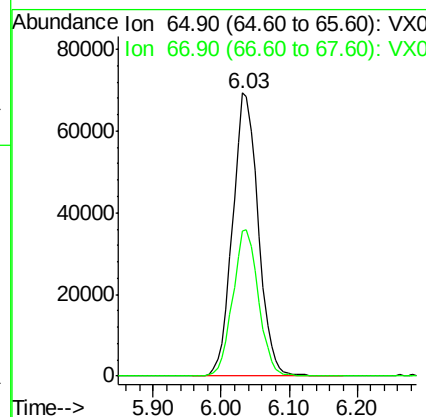
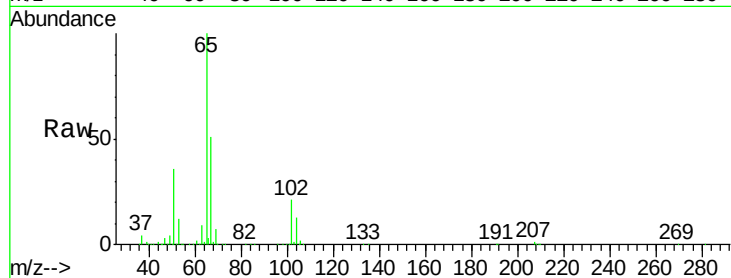




#33
 1,2-Dichloroethane-d4
 Concen: 46.266 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016044.D
 Acq: 04 May 2020 18:39

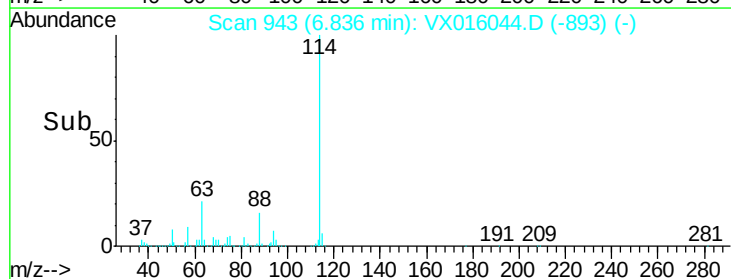
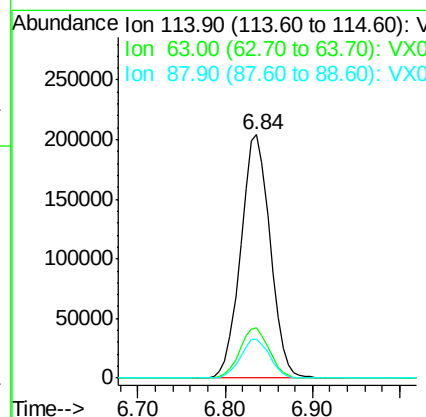
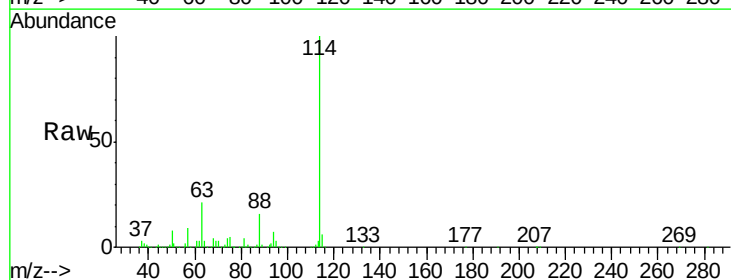
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-SW124-20200428

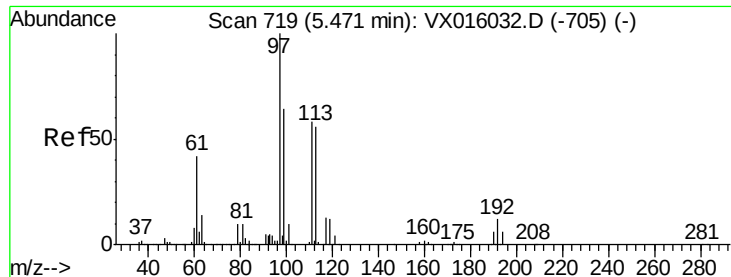
Tot Ion: 65 Resp: 181376
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016044.D
 Acq: 04 May 2020 18:39

Tgt Ion: 114 Resp: 476667
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 42.8
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 45.410 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016044.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_X

ClientSampleId :

SA-SW124-20200428

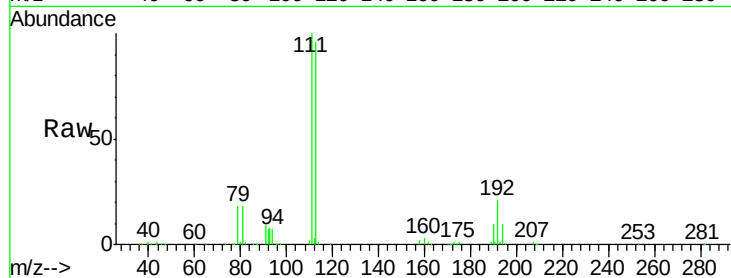
Tot Ion:113 Resp: 137134

Ion Ratio Lower Upper

113 100

111 104.7 81.6 122.4

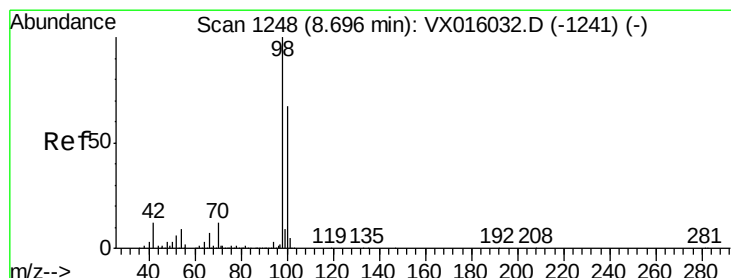
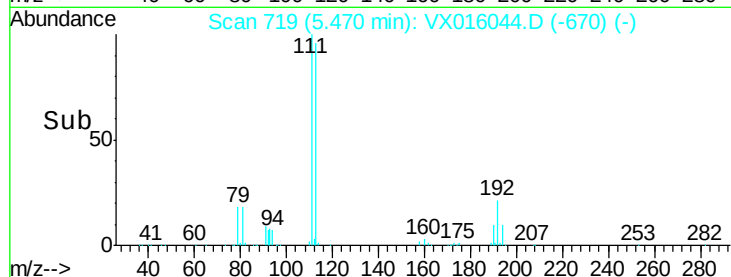
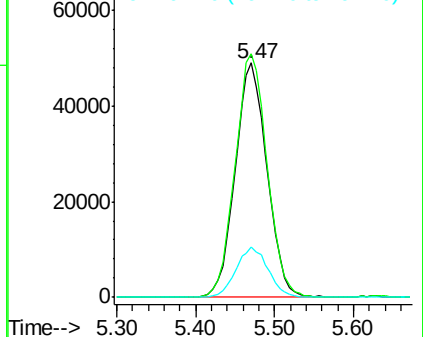
192 21.6 17.0 25.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 50.275 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016044.D

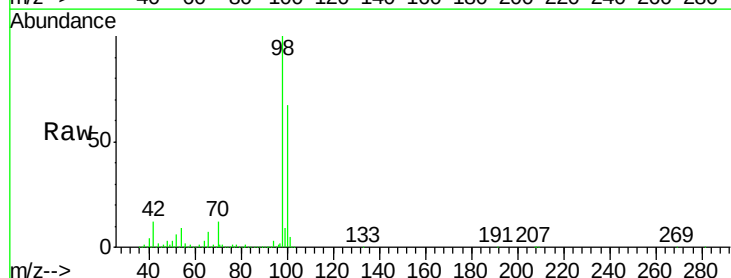
Acq: 04 May 2020 18:39

Tgt Ion: 98 Resp: 584997

Ion Ratio Lower Upper

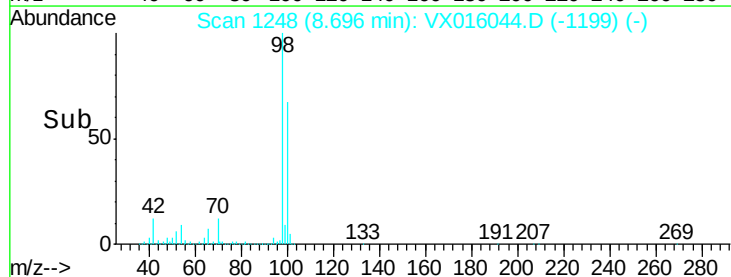
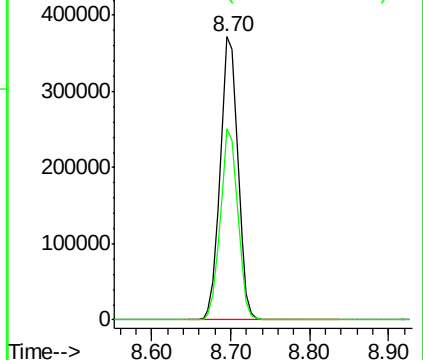
98 100

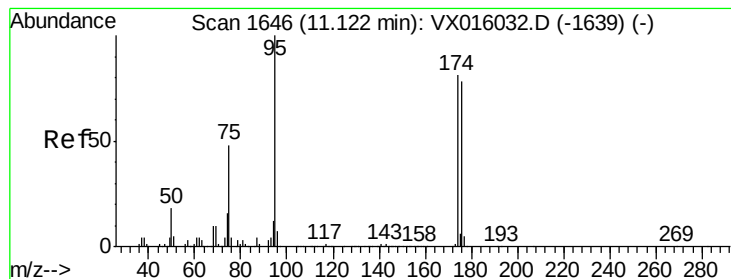
100 66.6 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 54.077 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016044.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_X

ClientSampleId :

SA-SW124-20200428

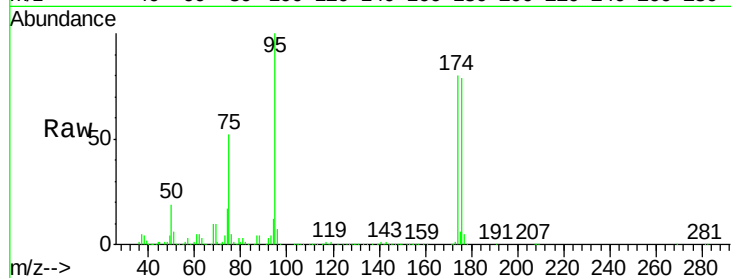
Tot Ion: 95 Resp: 239329

Ion Ratio Lower Upper

95 100

174 80.9 0.0 159.4

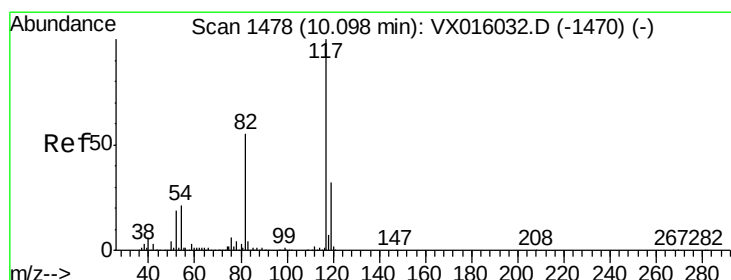
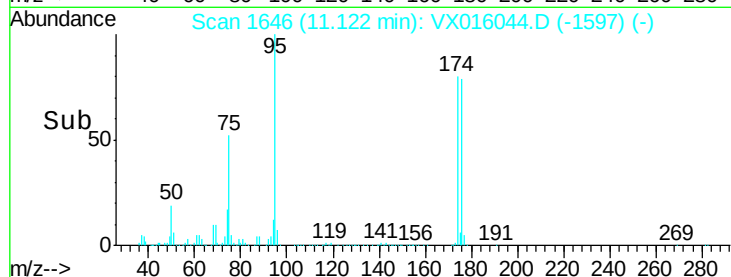
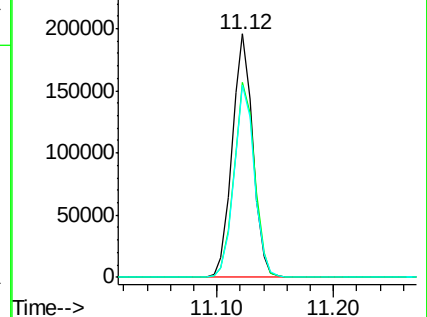
176 78.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016032.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016032.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016032.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016044.D

Acq: 04 May 2020 18:39

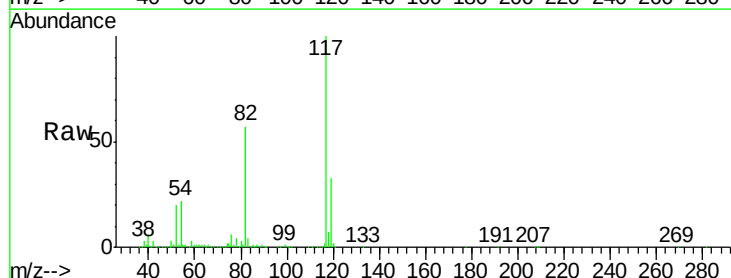
Tgt Ion: 117 Resp: 465091

Ion Ratio Lower Upper

117 100

82 56.9 44.4 66.6

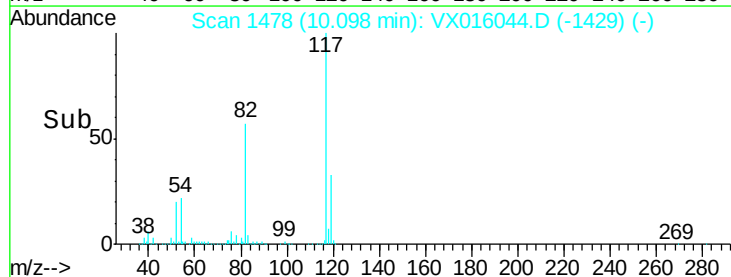
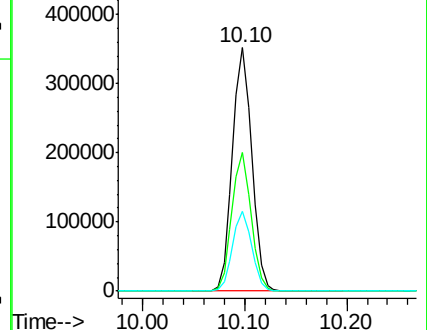
119 32.7 25.5 38.3

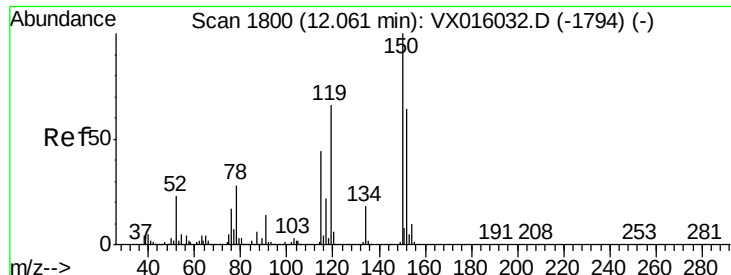


Abundance Ion 116.90 (116.60 to 117.60): VX016032.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016032.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016032.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016044.D

Acq: 04 May 2020 18:39

Instrument :

MSVOA_X

ClientSampleId :

SA-SW124-20200428

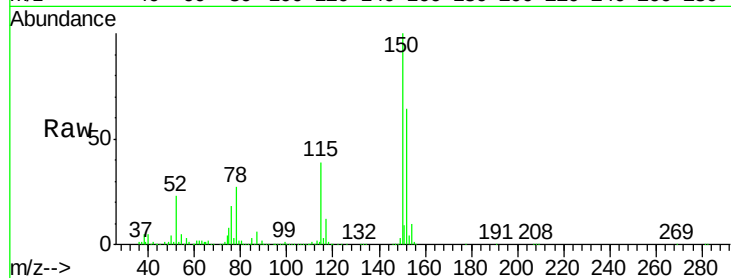
Tot Ion:152 Resp: 241835

Ion Ratio Lower Upper

152 100

115 59.6 41.3 124.1

150 157.0 0.0 352.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

